

CLAIMS:

- 5 1. An air-bag, the air-bag being formed from a single element of a laminar material, the element defining a polygonal region having linear side edges, and having shape and configuration equivalent to that of the air-bag when inflated, each side edge of the polygonal region carrying a protruding flap, there being
10 infill elements defined between flaps protruding from adjacent said side edges; the flaps being inwardly folded to overlie the polygonal region and at least partially to overlie each other, each infill element lying between two respective inwardly folded adjacent flaps, the flaps being secured to form an air-tight air-bag.
- 15 2. An air-bag according to Claim 1 wherein at least part of the element defines an aperture to receive a gas generator.
3. An air-bag according to Claim 2 wherein reinforcement is provided around the aperture.
- 20 4. An air-bag according to any one of the preceding Claims wherein said polygonal region has four linear edges.
- 25 5. An air-bag according to Claim 4 wherein two opposed edges of said polygonal region each carry an opposed flap, each of said opposed flaps having side edges co-aligned with the other side edges of the polygonal region, the two opposed flaps having a combined area which is greater than the area of the said polygonal region.

6. An air-bag according to Claim 5 wherein said other side edges of the polygonal region each carry a respective flap of substantially rectangular form.
7. An air-bag according to Claim 6 wherein one of said two opposed flaps is provided with two strips of adhesive adjacent the side edges thereof, that flap being first folded-in; and the other of the two opposed flaps is provided with adhesive adjacent the side edges thereof and adjacent the free edge thereof, that being the second flap folded-in; and the other flaps and the associated infill elements are provided with adhesive, those flaps being the last folded-in.
8. An air-bag according to any one of the preceding Claims wherein each said infill element is of triangular form.
9. An air-bag according to any one of the preceding Claims wherein the flaps are secured by means of adhesive.
10. An air-bag according to any one of the preceding Claims in the form of a knee protection air-bag in a motor vehicle.
11. A method of making an air-bag, the method comprising the steps of taking an element of laminar material, the element defining a square or rectangular region, two opposed side edges of said square or rectangular region carrying inwardly respective foldable first and second flaps, the said inwardly foldable flaps having a combined area greater than the area of the square or rectangular region; two further opposed side edges of the square or rectangular region having further inwardly foldable flaps, there being infill elements between the side edges of each of the adjacent flaps; the method comprising the steps of applying adhesive to the first said inwardly foldable flap adjacent two side edges of said first inwardly foldable flap, and folding that flap inwardly to

overlie the square or rectangular region, applying adhesive to the second said inwardly foldable flap adjacent two opposed side edges and the free edge of said second inwardly foldable flap, and folding said second inwardly foldable flap inwardly so that the adhesive secures the flap to part of the square or
5 rectangular region and also part of the first inwardly folded flap; and finally applying adhesive to the further inwardly foldable flaps and the infill elements, and folding the further inwardly foldable flaps and infill elements inwardly.